

FORM PTO-149  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
340078.401APPLICATION NO.  
09/872,761

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANTS

John T. Mulligan and John C. Tabone

FILING DATE

June 1, 2001

GROUP ART UNIT

Not yet assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>u</i>	AA	4,652,639	03/24/87	Stabinsky	536	27	<i>u</i>
<i>u</i>	AB	5,795,976	08/18/98	Oefner et al.	536	25.4	<i>u</i>
<i>u</i>	AC	5,942,609	08/24/99	Hunkapiller et al.	536	25.3	<i>u</i>

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AD			X		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>u</i>	AE	Hecker et al., "Optimization of Cloning Efficacy by Pre-Cloning DNA Fragment Analysis," <i>Biotechniques</i> 26(2):216-218, February 1999.
	AF	Hecker and Kobayashi, "Sequencing of DNA Fragments Isolated with the WAVE Nucleic Acid Fragment Analysis System," Application Note 115, Transgenomic, Inc., 2000.
	AG	Huber, "Micropellicular Stationary Phases for High-performance Liquid Chromatography of Double-Stranded DNA," <i>J. of Chromatography A</i> 806:3-30, 1998.
	AH	Lehming et al., "Recognition Helices of <i>lac</i> and $\lambda$ Repressor are Oriented in Opposite Directions and Recognize Similar DNA Sequences," <i>PNAS U.S.A.</i> 85(21):7947-7951, November 1988.
	AI	Lehming et al., "The Interaction of the Recognition Helix of <i>lac</i> Repressor with <i>lac</i> Operator," <i>The EMBO Journal</i> 6(10):3145-3153, October 1987.
	AJ	Markiewicz et al., "Genetic Studies of the <i>lac</i> Repressor XIV. Analysis of 4000 Altered <i>Escherichia coli lac</i> Repressors Reveals Essential and Non-essential Residues, as well as "Spacers" which do not Require a Specific Sequence," <i>J. of Molecular Biology</i> 240(5):421-433, July 29, 1994.
	AK	Shaw-Bruha and Lamb, "Ion Pair-Reversed Phase HPLC Approach Facilitates Subcloning of PCR Products and Screening of Recombinant Colonies," <i>BioTechniques</i> 28(4):794-797, April 2000.
<i>u</i>	AL	Suckow et al., "Genetic Studies of the Lac Repressor XV: 4000 Single Amino Acid Substitutions and Analysis of the Resulting Phenotypes on the Basis of the Protein Structure," <i>J. Mol. Biol.</i> 261:509-523, 1996.

EXAMINER

*u*

DATE CONSIDERED

6/19/2002

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).



FORM PTO-1449  
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
340078.401

APPLICATION NO.  
09/872,761

**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

APPLICANTS

John T. Mulligan and John C. Tabone

FILING DATE

June 1, 2001

GROUP ART UNIT

1623 1634

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
u	AJ	WO 99/23257	05/14/99	WIPO		
	AK					
	AL					
	AM					
	AN					

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

u	AO	Huang and Krugh, "Large-Scale Purification of Synthetic Oligonucleotides and Carcinogen-Modified Oligodeoxynucleotides on a Reverse-Phase Polystyrene (PRP-1) Column," <i>Analytical Biochemistry</i> 190(1):21-25, October 1990.
↓	AP	O'Donovan et al., "Blind Analysis of Denaturing High-Performance Liquid Chromatography as a Tool for Mutation Detection," <i>Genomics</i> 52(1):44-49, August 15, 1998.
↓	AQ	

EXAMINER

*John C. Tabone*

DATE CONSIDERED

*11/12/2002*

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).